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PHOTOGRAPH BY W. H. DAVIS.

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## BULLETIN

OF THE

## CALIFORNIA STATE

FERRY BUILDING,



LEWIS E. AUBURY, STATE

## SHOWING THE MINERAL PRODUCTION OF

COMPILED BY CHARLES G. Y.

| PRODUCTS.                   | 1887.     |            | 1888.     |          | 1889.      |         | 1890.     |            | 1891.     |         | 1892.      |         | 1893.     |            | 1894.      |         | 1895.      |         |            |
|-----------------------------|-----------|------------|-----------|----------|------------|---------|-----------|------------|-----------|---------|------------|---------|-----------|------------|------------|---------|------------|---------|------------|
|                             | QUANTITY. | VALUE.     | QUANTITY. | VALUE.   | QUANTITY.  | VALUE.  | QUANTITY. | VALUE.     | QUANTITY. | VALUE.  | QUANTITY.  | VALUE.  | QUANTITY. | VALUE.     | QUANTITY.  | VALUE.  | QUANTITY.  | VALUE.  |            |
| Antimony . . . . tons       | 75        | \$15,500   | 100       | \$20,000 |            |         |           |            |           |         |            |         |           |            |            | 50      | \$2,250    | 150     | \$6,000    |
| Asbestos . . . . tons       | 30        | 1,800      | 30        | 1,800    | 30         | \$1,800 | 71        | \$4,260    | 66        | \$3,960 | 30         | \$1,830 | 50        | 2,500      | 50         | 2,250   | 25         | 25      |            |
| Asphalt . . . . tons        | 4,000     | 16,000     | 3,100     | 39,500   | 3,000      | 30,000  | 3,000     | 30,000     | 4,000     | 40,000  | 7,550      | 75,500  | 9,150     | 161,250    | 11,698     | 233,800 | 25,525     | 25,525  |            |
| Bituminous Rock . . . tons  | 36,000    | 160,000    | 50,000    | 257,000  | 40,000     | 170,000 | 40,000    | 160,000    | 39,962    | 154,164 | 24,000     | 72,000  | 32,000    | 192,036    | 31,214     | 115,193 | 38,921     | 38,921  |            |
| Borax . . . . lbs.          | 2,029,380 | 116,689    | 2,809,088 | 196,638  | 1,939,650  | 145,473 | 6,402,034 | 480,152    | 8,533,337 | 640,000 | 11,050,495 | 838,787 | 7,910,563 | 593,292    | 11,540,099 | 807,007 | 11,918,000 | 807,007 |            |
| Cement . . . . bbls.        |           |            |           |          |            |         |           |            | 5,000     | 15,000  | 5,000      | 15,000  |           |            |            | 8,000   | 24,000     | 16,382  |            |
| Chrome . . . . tons         | 3,000     | 40,000     | 1,500     | 20,000   | 2,000      | 30,000  | 3,599     | 53,985     | 1,372     | 20,580  | 1,500      | 22,500  | 3,319     | 49,785     | 3,680      | 39,950  | 1,740      | 1,740   |            |
| Clay—Brick . . . . M        |           |            |           |          |            |         |           |            |           |         |            |         |           |            |            | 103,900 | 801,750    | 81,675  |            |
| Clay—Pottery . . . tons     | 75,000    | 37,500     | 75,000    | 37,500   | 75,000     | 37,500  | 100,000   | 50,000     | 100,000   | 50,000  | 100,000    | 50,000  | 24,856    | 67,284     | 28,475     | 55,973  | 37,900     | 37,900  |            |
| Coal . . . . tons           | 50,000    | 150,000    | 95,000    | 380,000  | 121,280    | 288,232 | 110,711   | 283,019    | 93,301    | 204,902 | 85,178     | 209,711 | 72,603    | 167,555    | 59,887     | 139,852 | 79,855     | 79,855  |            |
| Copper . . . . lbs.         | 1,600,000 | 192,000    | 1,570,021 | 235,303  | 151,505    | 18,180  | 23,347    | 3,502      | 3,397,455 | 424,675 | 2,980,944  | 342,808 | 239,682   | 21,571     | 738,594    | 71,486  | 225,650    | 71,486  |            |
| Fuller's Earth . . . tons   |           |            |           |          |            |         |           |            |           |         |            |         |           |            |            |         |            |         |            |
| Gold . . . .                |           | 13,588,614 |           |          | 12,750,000 |         |           | 11,212,913 |           |         | 12,728,869 |         |           | 12,571,900 |            |         | 12,422,811 |         | 13,923,281 |
| Granite . . . . cu. ft.     |           | 150,000    |           |          | 57,000     |         |           | 1,329,018  |           |         | 1,200,000  |         |           | 1,000,000  |            |         | 531,322    | 312,365 | 228,810    |
| Graphite . . . . tons       |           |            |           |          |            |         |           |            |           |         |            |         |           |            |            |         |            |         |            |
| Gypsum . . . . tons         | 2,700     | 27,000     | 2,500     | 25,000   | 3,000      | 30,000  | 3,000     | 30,000     | 2,000     | 20,000  | 2,000      | 20,000  | 1,620     | 14,280     | 2,446      | 24,584  | 5,158      | 5,158   |            |
| Infusorial Earth . . . tons |           |            |           |          |            |         | 39        | 1,335      |           |         |            |         |           |            |            | 50      | 2,000      | 51      | 2,040      |
| Iron Ore . . . . tons       |           |            |           |          |            |         |           |            |           |         |            |         |           |            |            | 250     | 2,000      | 200     | 1,500      |
| Lead . . . . tons           | 580       | 52,200     | 450       | 38,250   | 470        | 35,720  | 400       | 36,000     | 570       | 49,020  | 680        | 54,400  | 333       | 24,975     | 475        | 28,500  | 796        | 796     |            |

ETIN No. 26

OF THE



# MINING BUREAU,

SAN FRANCISCO.

JURY, STATE MINERALOGIST.

ITION OF CALIFORNIA FOR FIFTEEN YEARS.

CHARLES G. YALE, STATISTICIAN.

| 94.        | 1895.      |           | 1896.      |           | 1897.      |           | 1898.      |           | 1899.      |           | 1900.      |           | 1901.      |           | Total for 15 Years. |                        | PRODUCTS.                |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|---------------------|------------------------|--------------------------|
|            | VALUE.     | QUANTITY. | VALUE.              | QUANTITY.              | VALUE.                   |
| \$6,000    | 33         | \$1,485   | 17         | \$2,320   | 20         | \$3,500   | 40         | \$1,200   | 75         | \$13,500  | 70         | \$5,700   | 50         | \$8,350   | 680                 | \$79,805               | Antimony . . . tons.     |
| 2,250      | 25         | 1,000     | -----      | -----     | -----      | 10        | 200        | 30        | 750        | 50        | 1,250      | 110       | 4,400      | 582       | 27,800              | Asbestos . . . tons.   |                          |
| 233,800    | 25,525     | 170,500   | 20,914     | 362,590   | 22,697     | 404,350   | 25,690     | 482,175   | 15,060     | 308,130   | 12,575     | 253,950   | 21,634     | 313,219   | 189,593             | 2,920,964              | Asphalt . . . tons.      |
| 115,193    | 35,921     | 121,586   | 49,456     | 122,500   | 45,470     | 128,173   | 46,836     | 137,575   | 40,321     | 116,097   | 25,306     | 71,495    | 24,052     | 66,354    | 563,538             | 2,044,173              | Bituminous Rock tons.    |
| 807,807    | 11,918,000 | 595,900   | 13,508,000 | 675,400   | 16,000,000 | 1,080,000 | 16,600,000 | 1,153,000 | 40,714,000 | 1,139,882 | 51,674,000 | 1,013,251 | 14,442,000 | 982,380   | 247,072,000         | 10,458,649             | Borax . . . lbs.         |
| 21,600     | 16,383     | 32,556    | 9,500      | 28,250    | 18,000     | 66,000    | 50,000     | 150,000   | 60,000     | 180,000   | 52,000     | 121,000   | 71,800     | 159,842   | 295,683             | 789,248                | Cement . . . bbls.       |
| 39,980     | 1,740      | 16,795    | 786        | 7,775     | -----      | -----     | -----      | -----     | -----      | 140       | 1,400      | 130       | 1,950      | 22,766    | 304,750             | Chrome . . . tons.     |                          |
| 457,125    | 181,772    | 672,360   | 24,000     | 524,740   | 97,468     | 563,240   | 100,102    | 571,362   | 125,950    | 754,750   | 137,191    | 905,210   | 130,766    | 860,488   | 932,821             | 6,111,005              | Clay—Brick . . . M.      |
| 35,073     | 37,660     | 39,685    | 41,907     | 62,900    | 24,592     | 30,290    | 28,947     | 33,747    | 40,600     | 42,700    | 59,636     | 60,956    | 55,679     | 39,144    | 867,352             | 674,279                | Clay—Pottery . . . tons. |
| 139,862    | 79,858     | 193,790   | 70,649     | 161,335   | 87,149     | 196,255   | 143,045    | 337,475   | 160,941    | 420,109   | 176,956    | 535,531   | 150,724    | 401,772   | 1,557,582           | 4,069,548              | Coal . . . . tons.       |
| 72,486     | 225,650    | 21,901    | 1,992,844  | 199,519   | 13,638,626 | 1,540,666 | 21,543,229 | 2,475,168 | 23,915,486 | 3,990,524 | 29,515,512 | 4,748,242 | 34,931,788 | 5,501,782 | 136,464,683         | 19,788,337             | Copper . . . lbs.        |
| 13,923,281 | 15,334,317 | -----     | 17,181,562 | -----     | 15,871,401 | -----     | 15,906,478 | -----     | 15,836,031 | -----     | 15,863,355 | -----     | 16,989,044 | -----     | 213,990,369         | Gold.                  |                          |
| 228,816    | 288,449    | 224,329   | 185,261    | 201,004   | 339,288    | 188,024   | 98,369     | 147,732   | 128,924    | 141,070   | 311,803    | 295,772   | 214,943    | 519,285   | 7,513,372           | Granite . . . cu. ft.  |                          |
| 24,584     | 5,158      | 51,014    | 1,310      | 12,580    | 2,200      | 19,250    | 3,100      | 23,600    | 3,663      | 14,950    | 2,522      | 10,988    | 3,875      | 38,750    | 41,094              | 361,096                | Gypsum . . . tons.       |
| 2,040      | -----      | -----     | -----      | -----     | 5          | 200       | -----      | -----     | -----      | -----     | -----      | 64        | 4,480      | 64        | 4,480               | Graphite . . . tons.   |                          |
| 1,500      | -----      | -----     | -----      | -----     | -----      | -----     | -----      | -----     | -----      | -----     | -----      | 145       | 5,575      | 450       | 3,500               | Infusorial Earth tons. |                          |
| 28,500     | 796        | 49,364    | 646        | 38,805    | 298        | 20,264    | 328        | 23,907    | 360        | 30,642    | 520        | 41,600    | 360        | 28,820    | 7,266               | 552,467                | Iron Ore . . . tons.     |
| -----      | -----      | -----     | -----      | -----     | -----      | -----     | -----      | -----     | -----      | -----     | -----      | -----     | -----      | -----     | -----               | Lead . . . tons.       |                          |

| Infusorial Earth    | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
|---------------------|---------|-----------|--------------|-----------|--------------|---------|--------------|-----------|--------------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|-----------|---------|---------|---------|
| Iron Ore            | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Lead                | tons    | 580       | 52,200       | 450       | 38,250       | 470     | 35,720       | 400       | 36,000       | 570     | 49,020       | 680     | 54,400       | 333     | 24,975       | 475     | 28,500       | 796       |         |         |         |
| Lime and Limestone  | tons    |           | 368,750      |           | 381,750      |         | 416,780      |           | 350,000      |         | 300,000      |         | 300,000      |         | 301,276      |         | 337,975      |           |         |         |         |
| Lithia Mica         | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Macadam             | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         | 271,500      | 256,875   | 441,967 | 369,438 | 840,650 |
| Magnesite           | tons    | 600       | 9,000        | 600       | 9,000        | 600     | 9,000        | 600       | 9,000        | 1,500   | 15,000       | 1,500   | 15,000       | 1,093   | 10,930       | 1,440   | 10,240       | 2,200     |         |         |         |
| Manganese           | tons    | 1,000     | 9,000        | 1,500     | 13,500       | 53      | 901          | 386       | 3,176        | 705     | 3,830        | 300     | 3,000        | 270     | 4,050        | 523     | 5,512        | 880       |         |         |         |
| Marble              | cu. ft. |           | 5,000        |           | 5,000        |         | 87,030       |           | 80,000       |         | 100,000      |         | 115,000      |         | 40,000       | 38,441  | 98,326       | 14,864    |         |         |         |
| Mineral Paint       | tons    |           |              |           |              |         |              | 40        | 480          | 22      | 880          | 25      | 750          | 590     | 26,795       | 610     | 14,140       | 750       |         |         |         |
| Mineral Water       | gals.   | 618,162   | 144,368      | 1,112,202 | 252,990      | 808,625 | 252,241      | 258,722   | 89,786       | 334,553 | 135,959      | 331,875 | 162,019      | 383,179 | 90,667       | 402,275 | 184,481      | 701,397   |         |         |         |
| Natural Gas         | cu. ft. |           |              |           |              | 10,000  |              | 12,680    |              | 33,000  |              | 30,000  |              | 55,000  |              | 68,500  |              | 79,072    |         |         |         |
| Onyx and Travertine |         | 900       |              | 900       |              | 900     |              | 1,500     |              | 2,400   |              | 1,800   |              | 27,000  |              |         |              | 20,000    |         |         |         |
| Paving Blocks       | M       |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         | 2,770        | 96,950    | 2,517   | 66,981  | 2,332   |
| Petroleum           | bbls.   | 678,572   | 1,357,144    | 690,333   | 1,380,666    | 303,220 | 368,048      | 307,360   | 384,200      | 323,600 | 401,264      | 385,049 | 561,333      | 470,179 | 608,092      | 783,078 | 1,064,521    | 1,245,339 |         |         |         |
| Platinum            | ozs.    | 100       | 400          | 500       | 2,000        | 500     | 2,000        | 600       | 2,500        | 100     | 500          | 80      | 440          | 75      | 517          | 100     | 600          | 150       |         |         |         |
| Pyrites             | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Quartz Crystals     | lbs.    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Quicksilver         | flasks  | 33,760    | 1,425,000    | 33,250    | 1,413,125    | 26,464  | 1,190,500    | 22,926    | 1,203,615    | 22,904  | 1,036,386    | 27,993  | 1,139,600    | 30,164  | 1,108,527    | 30,416  | 934,900      | 36,10     |         |         |         |
| Rubble              | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         | 99,600       | 199,200   | 219,933 | 295,400 | 414,038 |
| Salt                | tons    | 28,000    | 112,000      | 30,800    | 92,400       | 21,000  | 63,000       | 8,729     | 57,085       | 20,094  | 90,303       | 28,570  | 104,788      | 50,500  | 213,000      | 49,131  | 140,087      | 53,031    |         |         |         |
| Sand—Glass          | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Sand—Quartz         | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Sandstone           | cu. ft. |           | 175,000      |           | 150,000      |         | 175,508      |           | 100,000      |         | 100,000      |         | 50,000       |         | 26,314       |         | 113,592      |           |         |         |         |
| Serpentine          | cu. ft. |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              | 4,000     |         |         |         |
| Silver              |         | 1,632,003 |              | 1,700,000 |              | 754,793 |              | 1,060,613 |              | 953,157 |              | 463,602 |              | 537,157 |              | 297,332 |              |           |         |         |         |
| Slate               | squares |           |              |           |              | 4,500   | 18,089       | 4,000     | 24,000       | 4,000   | 24,000       | 3,500   | 21,000       | 3,000   | 21,000       | 1,800   | 11,700       | 1,350     |         |         |         |
| Soapstone           | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              | 400     | 17,750       |           | 2,000   |         |         |
| Soda                | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              | 1,530     | 20,000  | 1,900   |         |
| Sulphur             | tons    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Tin                 | lbs.    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Tourmaline          | lbs.    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Turquoise           | lbs.    |           |              |           |              |         |              |           |              |         |              |         |              |         |              |         |              |           |         |         |         |
| Totals              |         |           | \$19,785,868 |           | \$19,469,320 |         | \$16,681,731 |           | \$18,039,666 |         | \$18,872,413 |         | \$18,300,168 |         | \$18,811,261 |         | \$20,203,294 |           |         |         |         |



